Amendments to the Specification:

Please enter the attached Sequence Listing.

Please amend the paragraphs beginning on line 31 on page 22, ending on line 24 page 23, to read as follows:

STEP 1A. Annealing
   -GCA CAC TAG CTT GAG CAC AC (SEQ ID NO: 1)
-D-CGT GTG ATC GAA CTC GTG TG **GTA**TCCTGAGGG**TAC** (SEQ ID NO:2)

STEP 1B. Transfer of chemical entity D and anti-codon
-D-GCA CAC TAG CTT GAG CAC AC **CAT**AGGACTCCC**ATG** (SEQ ID NO: 3)
   -GCA CAC TAG CTT GAG CAC AC **CAT**TCCTGAGGG**TAC** (SEQ ID NO: 4)

STEP 2A. Annealing
-D-GCA CAC TAG CTT GAG CAC AC **CAT**AGGACTCCC**ATG** (SEQ ID NO: 5)
-G-CGT GTG ATC GAA CTC GTG TG **GTA**IIIIIIIIII**TAC**GAAGCTGTT**ACG** (SEQ ID NO: 6)

STEP 2B. Transfer of chemical entity G and anti-codon.
-G-D-GCA CAC TAG CTT GAG CAC AC **CAT**AGGACTCCC**ATG**CTTCGACAA**TGC** (SEQ ID NO: 7)
      -CGT GTG ATC GAA CTC GTG TG **GTA**IIIIIIIIII**TAC**GAAGCTGTT**ACG** (SEQ ID NO: 8)

STEP 3A. Annealing
-G-D-GCA CAC TAG CTT GAG CAC AC **CAT**AGGACTCCC**ATG**CTTCGACAA**TGC** (SEQ ID NO: 9)
    R-CGT GTG ATC GAA CTC GTG TG
GTAIIIIIIIIII**TAC**IIIIIIIIII**ACG**CCTCTAGTG**CGT** CGA AAT GCT AGG GCG (SEQ ID NO: 10)

STEP 3B. Transfer of chemical entity D and anti-codon.
R-G-D-GCA CAC TAG CTT GAG CAC AC
CATAGGACTCCC**ATG**CTTCGACAA**TGC**GGAGATCAC**GCA** GCT TTA CGA TCC CGC (SEQ ID NO: 11)
      -CGT GTG ATC GAA CTC GTG TG
GTAIIIIIIIIII**TAC**IIIIIIIIII**ACG**CCTCTAGTG**CGT** CGA AAT GCT AGG GCG (SEQ ID NO: 12)

Please amend the paragraphs beginning on line 15 on page 28, ending on line 12 page 29, to read as follows:

RCCTCTAGTG (SEQ ID NO: 13)   GGAAGCTGTT (SEQ ID NO: 14)
DTCCTGAGGG (SEQ ID NO: 15)

5' ——▶   3'

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1.  CATCCTCTAGTGATGCCTCTAGTGTGCCCTCTAGTGGCA (SEQ ID NO: 16)
2.  CATGAAGCTGTTATGGAAGCTGTTTGCGAAGCTGTTGCA (SEQ ID NO: 17)
3.  CATTCCTGAGGGATGTCCTGAGGGTGCTCCTGAGGGGCA (SEQ ID NO: 18)
4.  CATCCTCTAGTGATGGAAGCTGTTTGCGAAGCTGTTGCA (SEQ ID NO: 19)
5.  CATCCTCTAGTGATGCCTCTAGTGTGCGAAGCTGTTGCA (SEQ ID NO: 20)
6.  CATCCTCTAGTGATGTCCTGAGGGTGCTCCTGAGGGGCA (SEQ ID NO: 21)
7.  CATCCTCTAGTGATGCCTCTAGTGTGCTCCTGAGGGGCA (SEQ ID NO: 22)
8.  CATGAAGCTGTTATGCCTCTAGTGTGCTCCTGAGGGGCA (SEQ ID NO: 23)
9.  CATGAAGCTGTTATGCCTCTAGTGTGCCCTCTAGTGGCA (SEQ ID NO: 24)
10. CATGAAGCTGTTATGGAAGCTGTTTGCCCTCTAGTGGCA (SEQ ID NO: 25)
11. CATTCCTGAGGGATGGAAGCTGTTTGCCCTCTAGTGGCA (SEQ ID NO: 26)
12. CATTCCTGAGGGATGCCTCTAGTGTGCCCTCTAGTGGCA (SEQ ID NO: 27)
13. CATGAAGCTGTTATGTCCTGAGGGTGCCCTCTAGTGGCA (SEQ ID NO: 28)
14. CATGAAGCTGTTATGTCCTGAGGGTGCTCCTGAGGGGCA (SEQ ID NO: 29)
15. CATGAAGCTGTTATGGAAGCTGTTTGCTCCTGAGGGGCA (SEQ ID NO: 30)
16. CATTCCTGAGGGATGGAAGCTGTTTGCTCCTGAGGGGCA (SEQ ID NO: 31)
17. CATTCCTGAGGGATGTCCTGAGGGTGCGAAGCTGTTGCA (SEQ ID NO: 32)
18. CATCCTCTAGTGATGGAAGCTGTTTGCTCCTGAGGGGCA (SEQ ID NO: 33)
19  CATTCCTGAGGGATGGAAGCTGTTTGCCCTCTAGTGGCA (SEQ ID NO: 34)
20. CATTCCTGAGGGATGGAAGCTGTTTGCGAAGCTGTTGCA (SEQ ID NO: 35)
21. CATTCCTGAGGGATGTCCTGAGGGTGCCCTCTAGTGGCA (SEQ ID NO: 36)
22. CATCCTCTAGTGATGTCCTGAGGGTGCGAAGCTGTTGCA (SEQ ID NO: 37)
23. CATGAAGCTGTTATGCCTCTAGTGTGCGAAGCTGTTGCA (SEQ ID NO: 38)
24. CATCCTCTAGTGATGGAAGCTGTTTGCCCTCTAGTGGCA (SEQ ID NO: 39)
25. CATTCCTGAGGGATGCCTCTAGTGTGCTCCTGAGGGGCA (SEQ ID NO: 40)
26. CATGAAGCTGTTATGTCCTGAGGGTGCGAAGCTGTTGCA (SEQ ID NO: 41)
27. CATCCTCTAGTGATGTCCTGAGGGTGCCCTCTAGTGGCA (SEQ ID NO: 42)
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Please amend the paragraphs beginning on line 21 on page 29, ending on line 12 page 29, to read as follows:

1. **GCT AGG CTA ATG TCC GGC TA**G TAG GAG ATCA CTA CGG AGA TCA CAC GGG AGA TCA CC GT   00109 (SEQ ID NO: 43)

2. **AGG CAG ACA ACT CAA TCC GG**G TAC TTC GAC AAT ACC TTC GAC
| AAA CGC TTC GAC AAC GT   00222 (SEQ ID NO: 44)

3. **TCA GAC TAG GGT AGC GCA TA**G TAA GGA CTC CCT ACA GGA CTC
| CCA CGA GGA CTC CCC GT   00348 (SEQ ID NO: 45)

4. **TGT CCA GTA GCT TGA GAG TC**G TAG GAG ATC ACT ACC TTC GAC
| AAA CGC TTC GAC AAC GT   00445 (SEQ ID NO: 46)

5. **CGA CAA GGC ATT CAC ACT AG**G TAG GAG ATC ACT ACG GAG ATC
| ACA CGC TTC GAC AAC GT   00470 (SEQ ID NO: 47)

6. **TCG GCG TTA CGT GCT GAC TA**G TAG GAG ATC ACT ACA GGA CTC
| CCA CGA GGA CTC CCC GT   00551 (SEQ ID NO: 48)

7. **CCG CAG CAA GCT ATC GAG AA**G TAG GAG ATC ACT ACG GAG ATC
| ACA CGA GGA CTC CCC GT   00694 (SEQ ID NO: 49)

8. **CGA AAG CAT AAT AGC GGT GC**G TAC TTC GAC AAT ACG GCG ATC
| ACA CGA GGA CTC CCC GT   00729 (SEQ ID NO: 50)

9. **GTA CGT TGA CAG TCT GCA CA**G TAC TTC GAC AAT ACG GAG ATC
| ACA CGG GAG ATC ACC GT   00852 (SEQ ID NO: 51)

10. **GTC TGG CCC TAC CTA TGG TT**G TAC TTC GAC AAT ACC TTC GAC
| AAA CGG GAG ATC ACC GT   00891 (SEQ ID NO: 52)

11. **ACC AAT GCA AAT AGG CGG CC**G TAA GGA CTC CCT ACC TTC GAC
| AAA CGG GAG ATC ACC GT   00922 (SEQ ID NO: 53)

12. **TCA GGC CCA CGT AGC GTT AT**G TAA GGA CTC CCT ACG GAG ATC
| ACA CGG GAG ATC ACC GT   01033 (SEQ ID NO: 54)

13. **GAA CTA TGC TGA CAG TAC CG**G TAC TTC GAC AAT ACA GGA CTC
| CCA CGG GAG ATC ACC GT   01081 (SEQ ID NO: 55)

14. **CCC AGG GCA AGC GAT CAT AA**G TAC TTC GAC AAT ACA GGA CTC
| CCA CGA GGA CTC CCC GT   01109 (SEQ ID NO: 56)

15. **TCA CGT AAT TTG TTA GCC GC**G TAC TTC GAC AAT ACC TTC GAC
| AAA CGA GGA CTC CCC GT   01187 (SEQ ID NO: 57)

16. **TAC CTG GCA TGA CGC GAT AT**G TAA GGA CTC CCT ACC TTC GAC
| AAA CGA GGA CTC CCC GT   01360 (SEQ ID NO: 58)

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17. **TGC AGG CTC GCA GAT GCT AT**G TAA GGA CTC CCT ACA GGA CTC
| CCA CGC TTC GAC AAC GT   01414 (SEQ ID NO: 59)

18. **TGA GCG TTA GAG CTT GAT CC**G TAG GAG ATC ACT ACC TTC GAC
| AAA CGA GGA CTC CCC GT   01522 (SEQ ID NO: 60)

19. **TCT CGG TTA CTG AGT GGA CT**G TAA GGA CTC CCT ACC TTC GAC
| AAA CGG GAG ATC ACC GT   01526 (SEQ ID NO: 61)

20. **CGA CGA GCA CCA ATT CGA GA**G TAA GGA CTC CCT ACC TTC GAC
| AAA CGC TTC GAC AAC GT   01548 (SEQ ID NO: 62)

21.**GTT AGA TCA TAG TCA CCG CG**G TAA GGA CTC CCT ACA GGA CGC CCA
| CGG GAG ATC ACC GT   01610 (SEQ ID NO: 63)

22. **CAC TAA GAC ATG CAC AGC GG**G TAG GAG ATC ACT ACA GGA CTC
| CCA CGC TTC GAC AAC GT   01715 (SEQ ID NO: 64)

23. **CTA CTG ACA CTG ACC AGG GA**G TAC TTC GAC AAT ACG GAG ATC
| ACA CGC TTC GAC AAC GT   01800 (SEQ ID NO: 65)

24. **GCA TAC AGG TTA CGA CGC CT**G TAG GAG ATC ACT ACC TTC GAC
| AAA CGG GAG ATC ACC GT   01882 (SEQ ID NO: 66)

25. **CTT CGC GCA GCT ACA TA**G ATG TAA GGA CTC CCT ACG GAG ATC
| ACA CGA GGA CTC CCC GT   01928 (SEQ ID NO: 67)

26. **GGC ATA CTA GAG TCA GC**G ATG TAC TTC GAC AAT ACA GGA CTC
| CCA CGC TTC GAC AAC GT   01955 (SEQ ID NO: 68)

27. **ATC AAG GCA ACC GCC AG**T AGG TAG GAC ATC ACT ACA GGA CTC
| CCA CGG GAG ATC ACC GT   01991 (SEQ ID NO: 69)

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